

Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 116714		APPLICATION NO. New U.S. Application <i>10/687387</i>	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				APPLICANT(S) Hironori OKADO			
				FILING DATE September 23, 2003		GROUP	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME		CLASS	SUB CLASS
<i>H</i>	1.	US 2002/0122010 A1	9/5/2002	MCCORKLE		<i>343</i>	<i>767</i>
<i>H</i>	2.	US 6,351,246 B1	2/26/2002	MCCORKLE		<i>343</i>	<i>700/45</i>
<i>H</i>	3.	US 6,515,626 B2	2/4/2003	BARK et al.		<i>343</i>	<i>745</i>
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY		CLASS	SUB CLASS
<i>H</i>	4.	JP A 8-213820 w/abstract & transl.	8/20/1996	JAPAN			
<i>A</i>	5.	JP A 63-275204 w/abstract	11/11/1988	JAPAN			
<i>A</i>	6.	JP A 57-142003 w/abstract	9/2/1982	JAPAN			
<i>H</i>	7.	JP A 55-4109 w/abstract	1/12/1980	JAPAN			
<i>H</i>	8.	31-709	1/21/1956	JAPAN			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
<i>H</i>	9.	Satoshi Honda et al.; "Wideband Monopole Antenna of Circular Disc; ITEJ Technical Report; Vol 15, No 59; October 1991; pp 25-30;					
<i>A</i>	10.	Taisuke Ihara et al; "A Small Broadband Antenna with Rounded Semi-Circular Element"; 1996; pp 78					
<i>A</i>	11.	Taisuke Ihara et al; "Broadband Characteristics of Semi-Circular Antenna combined with Linear Element"; General Convention of the Society of Electronics, Information and Communication Engineers; 1996; pp 77 w/translation					
<i>H</i>	12.	Satoshi HONDA et al; " Improved Input Impedance of Circular Disc Monopole Antenna; 1992; pp 2-131					
EXAMINER <i>J. Lee</i>				DATE CONSIDERED <i>10/10/03</i>			
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							